

ABSTRACT OF DISCLOSURE

An image projecting apparatus has optical switches in first optical switch unit arranged in a square matrix arrangement, and a second optical switch unit of optical switches in single file for selectively reflecting the monochromatic lights reflected from the first optical switch unit. A light source irradiates a plurality of monochromatic lights of different wavelengths and the monochromatic lights are passed through the optical switches and a square beam generator such that they are incident on a panel unit to realize a monochromatic color stripe of a predetermined size. Light utilization increases through the use of first and second optical switch units, and overlapping between monochromatic color stripes can be prevented through the use of digital micromirror device (DMD) panel or liquid crystal on silicon (LCOS) panel of fast responsiveness.